Appl. No. 09/699,897

In the Claims

Claims 1-27 (cancelled)

- 28. (currently amended) A PVD component <u>consisting essentially of a material having a face-centered cubic crystalline structure, the component being produced by the method comprising inducing a sufficient amount of stress in the component to increase magnetic pass through flux exhibited by the component compared to pass through flux exhibited prior to inducing the stress.</u>
- 29. (currently amended) A sputter component produced by the method comprising:

unidirectionally first cold working a component blank to at least about an 80% reduction in cross-sectional area;

heat treating the cold worked component blank at least at about a minimum recrystallization temperature of the component blank; and

inducing a sufficient amount of stress in the heat treated component <u>blank</u> to increase magnetic pass through flux exhibited by the heat treated component <u>blank</u> compared to pass through flux exhibited prior to inducing the stress.

Appl. No. 09/699,897

30. (previously amended) A sputter target produced by the m thod comprising:

unidirectionally first cold rolling a target blank consisting essentially of nickel to at least about an 85% reduction in cross-sectional area;

heat treating the cold rolled target blank at a temperature between about 427 °C (800 °F) to about 482 °C (900 °F) for less than about 60 minutes; and

second cold rolling the heat treated target blank to a reduction in cross-sectional area of about 10% of the heat treated component, at least about 70% of a surface area at least within selected boundaries of a surface of the second cold rolled target blank exhibiting a (200) texture.

- 31. (original) A PVD component consisting essentially of nickel exhibiting a (200) texture over at least about 50% of a surface area at least within selected boundaries and having a sufficient amount of residual stress to exhibit higher magnetic pass through flux compared to pass through flux exhibited absent such stress.
- 32. (original) The component of claim 31 wherein the selected boundaries define a representative test area.
- 33 (currently amended) The component of claim 31 wherein the metal <u>nickel</u> exhibits an average grain size of less than about 50 microns.

- 34. (new) The component of claim 28 comprising a majority crystallographic structure of (200).
- 35. (new) The component of claim 28 wherein the induced stress alone is not sufficient to substantially alter surface grain appearance.
- 36. (new) The component of claim 28 wherein the component consists essentially of nickel.
- 37. (new) The component of claim 28 wherein the material exhibits an average grain size of less than about 50 microns.
- 38. (new) The component of claim 29 wherein the component blank consists essentially of a material having a face-centered cubic crystalline structure.
- 39. (new) The component of claim 29 wherein the heat treated component blank comprises a majority crystallographic structure of (200).
- 40. (new) The component of claim 29 wherein the induced stress alone is not sufficient to substantially alter surface grain appearance.
- 41. (new) The component of claim 29 wherein the component blank consists essentially of nickel.
- 42. (new) The component of claim 29 wherein the stress-induced component blank exhibits an average grain size of less than about 50 microns.

Appl. No. 09/699,897

43. (new) The targ t of claim 30 wherein the second cold rolling comprises unidirectionally rolling in the same direction as the first cold rolling.